## UTILITY PATENT APPLICATION **TRANSMITTAL**

(Only for new nonprovisional applications under 37 CFR 1.53(b))

Attorney Docket No.	1857.2270000/DJF/GSB	
First Inventor	Azat M. LATYPOV	PTC
Title	SYSTEM AND METHOD FOR CALIBRATING A SPATH MODULATOR ARRAY USING SHEARING INTERFERC	AL LIGHTO
Express Mail Label No.		

See MPEP		ON ELEMENTS  ning utility patent application contents.	ADDRE	SS TO: Commissi P.O. Box	Patent Applicatio ioner for Patents 1450 a VA 22313-1450	222	
(Submi 2.	it an original and a cant claims small of ant claims small of 7 CFR 1.27. Find the control of th	[Total Pages 24 ] If forth below) ention led Applications If sponsored R & D sting, a table, sting appendix ion ention rawings (if filed)  If Total Sheets 17 ] If Total Sheets 4 ] Iginal or copy) Inplication (37 CFR 1.63(d)) Insignal with Box 18 completed)  NVENTOR(S) Ittached deleting inventor(s) Ittached deleting inventor(s) Inplication, see 37 CFR	8. Nucl (if ap a. b.	Statements verifying CCOMPANYING AF  Assignment Papers (cov 37 CFR 3.73(b) Stateme (when there is an assign English Translation Doc Information Disclosure Statement (IDS)/PTO-14 Preliminary Amendment Return Receipt Postcard (Should be specifically in Certified Copy of Priority (if foreign priority is claim Nonpublication Request (b)(2)(B)(i). Applicant miles or its equivalent.	redix) Sequence Sub Form (CRF) Ince Listing on: D-R (2 copies); In	or  ove copies  N PARTS  nument(s)) ower of outcorney stable) opies of IDS citations  C. 122 PTO/SB/35	
19 If a CONTI	AN UNIC ADDITION	TION shoot annuariety have	—	The name of the		SML Holding N.V.	
specification fo.	llowing the title, o	TION, check appropriate box, and r in an Application Data Sheet und	supply the requ ler 37 CFR 1.76.	iisite information below an :	a in the first sei	ntence of the	
Continuation  Divisional  Continuation-in-part (CIP)  of prior application No To Be Assigned  Prior application information:  Examiner  To Be Assigned  Art Unit:  To Be Assigned  For CONTINUATION OF DIVISIONAL APPS only; The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 5b, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference.  The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts.							
19. CORRESPONDENCE ADDRESS							
X Custon	ner Number:	26111		OR Corre	spondence add	ress below	
Name	Sterne,	Kessler, Goldstein & Fox P.L.	L.C.				
Address	1100 N	ew York Avenue			<u> </u>		
City	Washin	gton	State	DC	Zip Code	20005	
Country			Telephone		Fax		
Name (Print/Ty Signature	George S.	Bardmesser	Registrati	on No. (Attorney/Agent)	Date 1	4,020	
		1144					

This collection of information is required by 37 CFR 1.33(b). The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Mail Stop Patent Application, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.

PTO/SB/17 (10-03)
Approved for use through 07/31/2006. OMB 0651-0032
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

FEE TRANSMITTAL		Complete if Known			
3 FEE IRANS	DIVILLIAL	Application Number	To be assigned		
for FY 2004		Filing Date	Herewith (January 29, 2004)		
Effective 10/01/2003. Patent fees are su		First Named Inventor	Azat M. LATYPOV		
Applicant claims small entity status. See 37 CFR 1.27		Examiner Name	To Be Assigned		
		Art Unit	To Be Assigned		
TOTAL AMOUNT OF PAYMENT	(\$) 864.00	Attorney Docket No.	1857.2270000/DJF/GSB		

METHOD OF PAYMENT (check all that apply)	FEE CALCULATION (continued)					
Check X Credit card Money X Other** None	3. ADDITIONAL FEES					
Order Order		Large Entity   Small Entity				
Deposit Account: the fees to Deposit Acct. No. 19-0036.  Deposit		Fee (\$)	Fee Code	Fee (\$)	Fee Description	
Account 19-0036	<b>Code</b> 1051	130	2051	• •	Surcharge - late filing fee or oath	Fee Paid
Deposit Account Sterne Kessler, Goldstein & Fox P.L.L.C.	1052	50	2052	25	Surcharge - late provisional filing fee or cover sheet	
Name The Director is authorized to: (check all that apply)	1053	130	1053	130	Non-English specification	
Charge fee(s) indicated below Credit any overpayments	1812	2,520	1812	2,520	For filing a request for ex parte reexamination	
Charge any additional fee(s) or any underpayment of fee(s)	1804	920*	1804	920*	Requesting publication of SIR prior to Examiner action	
Charge fee(s) indicated below, except for the filing fee to the above-identified deposit account.	1805	1,840*	1805	1,840*	Requesting publication of SIR after Examiner action	
FEE CALCULATION	1251	110	2251	55	Extension for reply within first month	
1. BASIC FILING FEE	1252	420	2252	210	Extension for reply within second month	
Large Entity Small Entity	1253	950	2253	475	Extension for reply within third month	
Fee Fee Fee Fee Fee Pead Fee Paid Fee Paid	1254	1,480	2254	740	Extension for reply within fourth month	
1001 770 2001 385 Utility filing fee	1255	2,010	2255	1,005	Extension for reply within fifth month	
1002 340 2002 170 Design filing fee 770 00	1401	330	2401	165	Notice of Appeal	
1003 530 2003 265 Plant filing fee	1402	330	2402	165	Filing a brief in support of an appeal	
1004 770 2004 385 Reissue filing fee	1403	290	2403	145	Request for oral hearing	
1005 160 2005 80 Provisional filing fee	1451	1,510	1451	1,510	Petition to institute a public use proceeding	
SUBTOTAL (1) (\$) 770.00	1452	110	2452	55	Petition to revive - unavoidable	
	1453	1,330	2453	665	Petition to revive - unintentional	
2. EXTRA CLAIM FEES FOR UTILITY AND REISSUE		1,330	2501	665	Utility issue fee (or reissue)	
Extra Claims below Fee Paid	1502	480	2502	240	Design issue fee	
Total Claims 23 - 20 **= 3 X 18 = 54.00		640	2503	320	Plant issue fee	
Claims 2 -3 -3 - 0 × 86 = 0	1460	130	1460	130	Petitions to the Commissioner	
	1807	50	1807	50	Processing fee under 37 CFR 1.17(q)	
Large Entity   Small Entity Fee Fee Fee Fee Fee Description	1806	180	1806	180	Submission of Information Disclosure Stmt	
Code (\$)	8021	40	8021	40	Recording each patent assignment per property (times number of properties)	40.00
1202 18 2202 9 Claims in excess of 20 1201 86 2201 43 Independent claims in excess of 3	1809	770	2809	385	Filing a submission after final rejection (37 CFR 1.129(a))	
1203 290 2203 145 Multiple dependent claim, if not paid	1810	770	2810	385	For each additional invention to be examined (37 CFR 1.129(b))	
1204 86 2204 43 ** Reissue independent claims over original patent	1801	770	2801	385	, , , , , , , , , , , , , , , , , , , ,	
1205 18 2205 9 ** Reissue claims in excess of 20 and over original patent	1802	900	1802	900	•	
	Other	fee (sp	ecify) _			
**or number previously paid, if greater; For Reissues, see above	*Redu	iced by	Basic	Filing F	ee Paid SUBTOTAL (3)	40.00
o					( ) ( ) ( ) ( ) ( ) ( ) ( ) ( ) ( ) ( )	

SUBMITTED BY (Complete (if applicable)) Registration No. (Attorney/Agent) Telephone Name (Print/Type) (202) 371-2600 George S. Bardmesser 44,020 29/04 Signature Date

WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.

This collection of information is required by 37 CFR 1.17 and 1.27. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.



In re application of:

LATYPOV et al.

Appl. No.: To Be Assigned

Filed: Herewith (January 29, 2004)

For: System and Method for Calibrating a Spatial Light

Modulator Array Using Shearing

**Interferometry** 

Confirmation No.: To Be Assigned

Art Unit: To Be Assigned

Examiner: To Be Assigned

Atty. Docket: 1857.2270000/DJF/GSB

## Authorization to Treat a Reply as Incorporating an Extension of Time Under 37 C.F.R. § 1.136(a)(3)

Commissioner for Patents PO Box 1450 Alexandria, VA 22313-1450

Sir:

The U.S. Patent and Trademark Office is hereby authorized to treat any concurrent or future reply that requires a petition for an extension of time under this paragraph for its timely submission, as incorporating a petition for extension of time for the appropriate length of time. The U.S. Patent and Trademark Office is hereby authorized to charge all required extension of time fees to our Deposit Account No. 19-0036, if such fees are not otherwise provided for in such reply.

Respectfully submitted,

STERNE, KESSLER, GOLDSTEIN & FOX P.L.L.C.

George S. Bardmesser Attorney for Applicants Registration No. 44,020

Date: January 29, 2004

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\*Admitted only in Maryland \* Admitted only in Virginia • Practice Limited to Federal Agencies

January 29, 2004

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Commissioner for Patents PO Box 1450 Alexandria, VA 22313-1450

U.S. Non-Provisional Patent Application under 37 C.F.R. § 1.53(b)

Appl. No.: To Be Assigned; Filed: Herewith (January 29, 2004)

System and Method for Calibrating a Spatial Light Modulator Array For:

**Using Shearing Interferometry** 

Inventors:

LATYPOV et al.

Our Ref:

1857.2270000/DJF/GSB

Sir:

The following documents are forwarded herewith for appropriate action by the U.S. Patent and Trademark Office:

- 1. PTO Fee Transmittal (Form PTO/SB/17);
- 2. PTO Utility Patent Application Transmittal (Form PTO/SB/05);
- U.S. Utility Patent Application entitled: 3.

System and Method for Calibrating a Spatial Light Modulator Array Using **Shearing Interferometry** 

and naming as inventors:

Azat M. LATYPOV and Sherman K. POULTNEY

the application consisting of:

- An Application Data Sheet (37 C.F.R. § 1.76);
- b. An original executed Declaration by Azat M. Latypov;
- An original executed Declaration by Sherman K. Poultney;
- d. A specification containing:

Sterne, Kessler, Goldstein & Fox PLLC. : 1100 New York Avenue, NW : Washington, DC 20005 : 202.371.2600 f 202.371.2540 : www.skgf.com

Commissioner for Patents January 29, 2004 Page 2

- i. 19 pages of description prior to the claims;
- ii. 4 pages of claims (23 claims);
- iii. a one (1) page abstract;
- e. 17 sheets of drawings (FIGs. 1-17);
- 4. Authorization to Treat a Reply As Incorporating An Extension of Time Under 37 C.F.R. § 1.136(a)(3);
- 5. Recordation Form Cover Sheet;
- 6. An original executed Assignment to **ASML Holding N.V.** by Azat M. Latypov, recordation of which is hereby respectfully requested;
- 7. A facsimile copy of the original executed Assignment to **ASML Holding N.V.** by Sherman K. Poultney, recordation of which is hereby respectfully requested;
- 8. Two (2) return postcards; and
- 9. Form PTO-2038 Credit Card Payment Form in the amount of **\$864.00** to cover:

\$770.00 Utility Filing fee;

- \$ 54.00 Excess Claims fee; and
- \$ 40.00 Assignment Recordation fee.

It is respectfully requested that, of the two attached postcards, one be stamped with the filing date of these documents and returned to our courier, and the other, prepaid postcard, be stamped with the filing date and unofficial application number and returned as soon as possible. The U.S. Patent and Trademark Office is hereby authorized to charge any fee deficiency, or credit any overpayment, to our Deposit Account No. 19-0036.

Respectfully submitted,

STERNE, KESSLER, GOLDSTEIN & FOX P.L.L.C.

George S. Bardmesser Attorney for Applicants Registration No. 44,020

DJF/GSB:krh
'Enclosures

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